

6-18-3

AP/2700

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

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JUN 20 2003

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Total Number of Pages in This Submission

Application Number 09/286,822

Filing Date Apr 05, 1999

First Named Inventor Grate

Group Art Unit 2142

Examiner Name BLAIR, DOUGLAS B

Attorney Docket Number MS1-305US

ENCLOSURES (check all that apply)

Fee Transmittal Form
 Fee Attached

Amendment / Reply
 After Final
 Affidavits/declaration(s)

Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Response to Missing Parts/ Incomplete Application
 Response to Missing Parts under 37 CFR 1.52 or 1.53

| | |
|-----------------------------------------------------------------------------------------|--------|
| <input type="checkbox"/> Assignment Papers (for an Application) | Sheets |
| <input type="checkbox"/> Drawing(s) | |
| <input type="checkbox"/> Licensing-related Papers | |
| <input type="checkbox"/> Petition | |
| <input type="checkbox"/> Petition to Convert to a Provisional Application | |
| <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | |
| <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> CD, Number of CD(s) _____ | |
| Remarks | |

After Allowance Communication to Group
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):
Return Postcard



22801

PATENT TRADEMARK OFFICE

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name Emmanuel A. Rivera, Reg. No. 45,760

Signature

Date 6/17/03

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the items listed above as enclosed are being deposited with the U.S. Postal Service as Express Mail, in an envelope addressed to The Commissioner of Patents, Alexandria, VA 22313 on the below-indicated date. The Express Mail No. has also been marked on the listed items.
Express Mail No.

Typed or printed name Carly E. Taylor

EV206750144

Signature

Date 6/17/03

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EV200750144

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** 0.00

Complete if Known

| | |
|----------------------|------------------------------|
| Application Number | 09/286,822 |
| Filing Date | Apr 05, 1999 |
| First Named Inventor | Grate |
| Examiner Name | BLAIR, DOUGLAS B JUN 20 2003 |
| Art Unit | 2142 |
| Attorney Docket No. | MS1-305US |

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METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number **12-0769**
Deposit Account Name **Lee & Hayes, PLLC**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------------|--------------|---------------|---------------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | (\$) 0.00 | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| | | | -20** = | X 18 = | |
| | | | -3** = | X 84 = | |

| Large Entity | Small Entity | Fee Description |
|--------------------------------------|--------------|-------------------------------------------------------------------|
| 1202 | 18 | 2202 9 Claims in excess of 20 |
| 1201 | 84 | 2201 42 Independent claims in excess of 3 |
| 1203 | 280 | 2203 140 Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 42 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 9 ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) 0.00 | | |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------|---------------|------------------------------------------------------------------------------------|----------|
| | | 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| | | 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | |
| | | 1053 | 130 | 1053 130 Non-English specification | |
| | | 1812 | 2,520 | 1812 2,520 For filing a request for ex parte reexamination | |
| | | 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | |
| | | 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | |
| | | 1251 | 110 | 2251 55 Extension for reply within first month | |
| | | 1252 | 410 | 2252 205 Extension for reply within second month | |
| | | 1253 | 930 | 2253 465 Extension for reply within third month | |
| | | 1254 | 1,450 | 2254 725 Extension for reply within fourth month | |
| | | 1255 | 1,970 | 2255 985 Extension for reply within fifth month | |
| | | 1401 | 320 | 2401 160 Notice of Appeal | |
| | | 1402 | 320 | 2402 160 Filing a brief in support of an appeal | |
| | | 1403 | 280 | 2403 140 Request for oral hearing | |
| | | 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | |
| | | 1452 | 110 | 2452 55 Petition to revive - unavoidable | |
| | | 1453 | 1,300 | 2453 650 Petition to revive - unintentional | |
| | | 1501 | 1,300 | 2501 650 Utility issue fee (or reissue) | |
| | | 1502 | 470 | 2502 235 Design issue fee | |
| | | 1503 | 630 | 2503 315 Plant issue fee | |
| | | 1460 | 130 | 1460 130 Petitions to the Commissioner | |
| | | 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17(q) | |
| | | 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| | | 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | |
| | | 1809 | 750 | 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) | |
| | | 1810 | 750 | 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) | |
| | | 1801 | 750 | 2801 375 Request for Continued Examination (RCE) | |
| | | 1802 | 900 | 1802 900 Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** 0.00

(Complete if applicable)

| Name (Print/Type) | Emmanuel A. Rivera | Registration No. (Attorney/Agent) | 45,760 | Telephone (509) 324-9256 |
|-------------------|---------------------------|-----------------------------------|--------|--------------------------|
| Signature | <i>Emmanuel A. Rivera</i> | | | Date 6/17/03 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.